

d his

(FILE 'HOME' ENTERED AT 11:06:14 ON 28 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:08:17 ON 28 APR 2003

L1 7 S FEIKKWSAVALWAW/SQSP

FILE 'REGISTRY' ENTERED AT 11:11:17 ON 28 APR 2003

L2 1 S 301597-69-3/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

=> s FEIKKWSAVALWAWdivvdncaicrnhimdl/sqsp

L3 7 FEIKKWSAVALWAWDIVVDNCAICRNHIMDL/SQSP

=> d his

(FILE 'HOME' ENTERED AT 13:44:09 ON 28 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:44:38 ON 28 APR 2003

L1 2 S FEIKKWNAVALWQWDIVVDNCAICRNHIM/SQSP

L2 5 S FEIKKWTAFAFWSWDIAVDNCAICRNHIM/SQSP

> d his

(FILE 'HOME' ENTERED AT 18:41:55 ON 28 APR 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,  
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:42:27 ON  
28 APR 2003

SEA (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?))

-----  
3 FILE ADISINSIGHT  
1 FILE ADISNEWS  
16 FILE AGRICOLA  
80 FILE AQUASCI  
5 FILE BIOBUSINESS  
1 FILE BIOCOMMERCE  
528 FILE BIOSIS  
11 FILE BIOTECHABS  
11 FILE BIOTECHDS  
303 FILE BIOTECHNO  
57 FILE CABA  
178 FILE CANCERLIT  
831 FILE CAPLUS  
2 FILE CEABA-VTB  
29 FILE CEN  
4 FILE CIN  
1 FILE CONFSCI  
1 FILE CROPU  
1 FILE DDFB  
2 FILE DDFU  
85 FILE DGENE  
1 FILE DRUGB  
3 FILE DRUGNL  
6 FILE DRUGU  
3 FILE DRUGUPDATES  
23 FILE EMBAL  
394 FILE EMBASE  
350 FILE ESBIODBASE  
55\* FILE FEDRIP  
1 FILE FSTA  
929 FILE GENBANK  
1 FILE HEALSAFE  
8 FILE IFIPAT  
39 FILE JICST-EPLUS

241 FILE LIFESCI  
 420 FILE MEDLINE  
 1 FILE NIOSHTIC  
 54 FILE NTIS  
 1 FILE NUTRACEUT  
 34 FILE OCEAN  
 221 FILE PASCAL  
 2 FILE PHAR  
 1 FILE PHARMAML  
 9 FILE PHIN  
 1575 FILE PROMT  
 781 FILE SCISEARCH  
 147 FILE TOXCENTER  
 4379 FILE USPATFULL  
 71 FILE USPAT2  
 11 FILE WPIDS  
 11 FILE WPINDEX  
 476 FILE NLDB  
 L1 QUE (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?)  
 -----

FILE 'USPATFULL, PROMT, GENBANK, CAPLUS, SCISEARCH, BIOSIS, NLDB,  
 MEDLINE, EMBASE, ESBIODBASE, BIOTECHNO, LIFESCI, PASCAL, CANCERLIT,  
 TOXCENTER' ENTERED AT 18:45:28 ON 28 APR 2003

L2 11753 S (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?) A  
 L3 11 S RING? (S) H2? (S) CULLI? (S) UBIQUIT? (S) (CLON? OR ISOLA? OR  
 L4 2 DUP REM L3 (9 DUPLICATES REMOVED)  
 L5 55 S (RBX? OR HRT? OR ROC?) (S) CULLI? (S) UBIQUIT? (S) (CLON? OR  
 L6 13 DUP REM L5 (42 DUPLICATES REMOVED)

Welcome to STN International! Enter x:x

LOGINID:ssspta1652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Apr 11	Display formats in DGENE enhanced
NEWS	32	Apr 14	MEDLINE Reload
NEWS	33	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	34	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	35	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS EXPRESS			April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:06:14 ON 28 APR 2003

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	0.84

FILE 'REGISTRY' ENTERED AT 11:08:17 ON 28 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

DICTIONARY FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s feikkwsavalwaw/sqsp

L1 7 FEIKKWSAVALWAW/SQSP

=> d l1 1-7

L1 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2003 ACS

RN 482925-62-2 REGISTRY

CN GenBank AAL13435 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAL13435 (Translated from: GenBank AY052401)

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR GenBank

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L1 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2003 ACS

RN 482187-19-9 REGISTRY

CN GenBank AAM64477 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAM64477 (Translated from: GenBank AY086913)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

**\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\***

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L1 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 482156-39-8 REGISTRY  
CN GenBank AAM48038 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank AAM48038 (Translated from: GenBank AY114719)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

**\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\***

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L1 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 481994-67-6 REGISTRY  
CN GenBank AAL62422 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank AAL62422 (Translated from: GenBank AY072430)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

**\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\***

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L1 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 301597-69-3 REGISTRY  
CN Protein (Arabidopsis thaliana clone Ceres\_1565838) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1148: PN: EP1033405 SEQID: 26149 claimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L1 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 301597-68-2 REGISTRY  
CN Protein (Arabidopsis thaliana clone Ceres\_1565837) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1147: PN: EP1033405 SEQID: 26148 claimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN

SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L1 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 299244-34-1 REGISTRY  
CN 28: PN: W00058472 FIGURE: 2C unclaimed protein (9CI) (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	40.26	41.10

FILE 'REGISTRY' ENTERED AT 11:11:17 ON 28 APR 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0  
DICTIONARY FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 301597-69-3/RN

L2 1 301597-69-3/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND  
SET COMMAND COMPLETED

=> D L2 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y  
THE ESTIMATED COST FOR THIS REQUEST IS 5.63 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
RN 301597-69-3 REGISTRY  
CN Protein (Arabidopsis thaliana clone Ceres\_1565838) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1148: PN: EP1033405 SEQID: 26149 claimed protein  
FS PROTEIN SEQUENCE  
SQL 109

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	EP1033405
	claimed
	SEQID 26149

SEQ 1 MIPAGEASSS VAASSSNKKA KRFEIKKWSA VALWAWDIVV DNCAICRNHI  
51 MDLCIECQAN QASATSEECT VAWGVCNHAF HFHCISRWLK TRQVCPLDNS  
101 EWEFQKYGH  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND  
SET COMMAND COMPLETED

=>

=> d his

(FILE 'HOME' ENTERED AT 11:06:14 ON 28 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:08:17 ON 28 APR 2003

L1 7 S FEIKKWSAVALWAW/SQSP

FILE 'REGISTRY' ENTERED AT 11:11:17 ON 28 APR 2003

L2 1 S 301597-69-3/RN  
SET NOTICE 1 DISPLAY  
SET NOTICE LOGIN DISPLAY

=> s FEIKKWSAVALWAWdivvdncaicrnhimdl/sqsp

L3 7 FEIKKWSAVALWAWDIVVDNCAICRNHIMDL/SQSP

=> d ti l3 1-7

'TI' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN  
SAM - Index Name, MF, and structure - no RN

FIDE - All substance data, except sequence data  
IDE - FIDE, but only 50 names  
SQIDE - IDE, plus sequence data  
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used  
SQD - Protein sequence data, includes RN  
SQD3 - Same as SQD, but 3-letter amino acid codes are used  
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties  
EPROP - Table of experimental properties  
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract  
APPS -- Application and Priority Information  
BIB -- CA Accession Number, plus Bibliographic Data  
CAN -- CA Accession Number  
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)  
IND -- Index Data  
IPC -- International Patent Classification  
PATS -- PI, SO  
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels  
IBIB -- BIB, indented, with text labels  
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)  
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations  
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.  
HELP FORMATS -- To see detailed descriptions of the predefined formats.  
ENTER DISPLAY FORMAT (IDE):ide

L3 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 482925-62-2 REGISTRY  
CN GenBank AAL13435 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank AAL13435 (Translated from: GenBank AY052401)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L3 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2003 ACS



RN 482187-19-9 REGISTRY  
CN GenBank AAM64477 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank AAM64477 (Translated from: GenBank AY086913)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L3 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 482156-39-8 REGISTRY  
CN GenBank AAM48038 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank AAM48038 (Translated from: GenBank AY114719)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L3 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 481994-67-6 REGISTRY  
CN GenBank AAL62422 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank AAL62422 (Translated from: GenBank AY072430)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L3 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 301597-69-3 REGISTRY  
CN Protein (Arabidopsis thaliana clone Ceres\_1565838) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1148: PN: EP1033405 SEQID: 26149 claimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L3 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 301597-68-2 REGISTRY  
CN Protein (Arabidopsis thaliana clone Ceres\_1565837) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1147: PN: EP1033405 SEQID: 26148 claimed protein

FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L3 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2003 ACS  
RN 299244-34-1 REGISTRY  
CN 28: PN: WO0058472 FIGURE: 2C unclaimed protein (9CI) (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> s FEIKKWSAVALWAWdivvndncaicrnhimdl/sqsp and arabi?  
'/BI' NOT VALID IN A SEQUENCE QUERY  
The field code specified is not valid in a sequence query. For more  
information, enter "HELP SSQ" at an arrow prompt (=>).

=> s FEIKKWSAVALWAWdivvndncaicrnhimdl/sqsp and arabi?/nte  
0 FEIKKWSAVALWAWDIVVDNCAICRNHIMDL/SQSP  
523 ARABI?/NTE  
L4 0 FEIKKWSAVALWAWDIVVDNCAICRNHIMDL/SQSP AND ARABI?/NTE

=> s FEIKKWSAVALWAWdivvndncaicrnhimdl/sqsp and thaliana/nte  
0 FEIKKWSAVALWAWDIVVDNCAICRNHIMDL/SQSP  
0 THALIANA/NTE  
L5 0 FEIKKWSAVALWAWDIVVDNCAICRNHIMDL/SQSP AND THALIANA/NTE

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	110.53	151.63

FILE 'REGISTRY' ENTERED AT 11:19:21 ON 28 APR 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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DICTIONARY FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 301597-68-2/RN

L6 1 301597-68-2/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND  
SET COMMAND COMPLETED

=> D L6 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y  
THE ESTIMATED COST FOR THIS REQUEST IS 5.63 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
RN 301597-68-2 REGISTRY  
CN Protein (Arabidopsis thaliana clone Ceres\_1565837) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1147: PN: EP1033405 SEQID: 26148 claimed protein  
FS PROTEIN SEQUENCE  
SQL 118

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
=====	=====
Not Given	EP1033405
	claimed
	SEQID 26148

SEQ 1 MATLDSVDTM IPAGEASSSV AASSSNKKAK RFEIKKWSAV ALWAWDIVVD  
51 NCAICRNHIM DLCIECQANQ ASATSEECTV AWGVCNHAFH FHCISRWLKT  
101 RQVCPDENSE WEFQKYGH

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

1 REFERENCES IN FILE CA (1957 TO DATE)

1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND  
SET COMMAND COMPLETED

=>

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
7.23	158.86

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 11:21:50 ON 28 APR 2003

Welcome to STN International! Enter x:x

LOGINID:ssspta1652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
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NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Apr 11	Display formats in DGENE enhanced
NEWS	32	Apr 14	MEDLINE Reload
NEWS	33	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	34	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	35	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	36	Apr 28	RDISCLOSURE now available on STN
NEWS	EXPRESS		April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	INTER		General Internet Information
NEWS	LOGIN		Welcome Banner and News Items
NEWS	PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS	WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that

specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:44:09 ON 28 APR 2003

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:44:38 ON 28 APR 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

DICTIONARY FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s feikkwnavalwqwdncaicrnhim/sqsp

L1 2 FEIKKWNAVALWQWDIVVDNCAICRNHIM/SQSP

=> d l1 1-2

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 486914-68-5 REGISTRY

CN GenBank AAD54393 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AAD54393 (Translated from: GenBank AF179228)

FS PROTEIN SEQUENCE

MF Unspecified

CI MAN

SR GenBank

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS

RN 299244-35-2 REGISTRY

CN 29: PN: WO0058472 FIGURE: 2C unclaimed protein (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE

MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> s feikkwtavafwswdiavdncaicrnhim/sqsp  
L2 5 FEIKKWTAVAFWSWDIAVDNCAICRNHIM/SQSP

=> d l2 1-5

L2 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2003 ACS  
RN 486663-71-2 REGISTRY  
CN GenBank CAA99155 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN GenBank CAA99155 (Translated from: GenBank Z74876)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L2 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2003 ACS  
RN 459576-78-4 REGISTRY  
CN GenBank X95465-derived protein GI 1628443 (9CI) (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

L2 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2003 ACS  
RN 299244-36-3 REGISTRY  
CN 30: PN: WO0058472 FIGURE: 2C unclaimed protein (9CI) (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L2 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS  
RN 289917-95-9 REGISTRY  
CN 3: PN: WO0050445 FIG: 2 unclaimed protein (9CI) (CA INDEX NAME)  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1957 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L2 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS  
RN 182514-18-7 REGISTRY  
CN Protein (Saccharomyces cerevisiae clone pEOA461 gene AOAA121) (9CI) (CA  
INDEX NAME)

OTHER NAMES:

CN 1: PN: WO0050445 SEQID: 2 unclaimed protein  
FS PROTEIN SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
2 REFERENCES IN FILE CA (1957 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 13:44:09 ON 28 APR 2003)

FILE 'REGISTRY' ENTERED AT 13:44:38 ON 28 APR 2003

L1 2 S FEIKKWNAVALWQWDIVVDNCAICRNHIM/SQSP  
L2 5 S FEIKKWTAFAFWSWDIAVDNCAICRNHIM/SQSP

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	77.56	77.77

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 14:03:58 ON 28 APR 2003

Welcome to STN International! Enter x:x

LOGINID:sssptal652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2 Apr 08	"Ask CAS" for self-help around the clock
NEWS	3 Jun 03	New e-mail delivery for search results now available
NEWS	4 Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5 Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6 Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7 Sep 03	JAPIO has been reloaded and enhanced
NEWS	8 Sep 16	Experimental properties added to the REGISTRY file
NEWS	9 Sep 16	CA Section Thesaurus available in CAPLUS and CA

NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
 NEWS 11 Oct 24 BEILSTEIN adds new search fields  
 NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
 NEWS 13 Nov 18 DKILIT has been renamed APOLLIT  
 NEWS 14 Nov 25 More calculated properties added to REGISTRY  
 NEWS 15 Dec 04 CSA files on STN  
 NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
 NEWS 17 Dec 17 TOXCENTER enhanced with additional content  
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN  
 NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC  
 NEWS 20 Feb 13 CANCERLIT is no longer being updated  
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 NEWS 23 Feb 24 TEMA now available on STN  
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation  
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 NEWS 30 Mar 24 Additional information for trade-named substances without structures available in REGISTRY  
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 NEWS 32 Apr 14 MEDLINE Reload  
 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced  
 NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS  
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 NEWS 36 Apr 28 RDISCLOSURE now available on STN  
 NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 18:41:55 ON 28 APR 2003

=> index bioscience medicine

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,



DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:42:27 ON 28 APR 2003

69 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s (ring? (s) protein (s) ubiquit?) or ((rbx? or roc? or hrt?) and ubiquit?)

- 3 FILE ADISINSIGHT
- 1 FILE ADISNEWS
- 16 FILE AGRICOLA
- 80 FILE AQUASCI
- 5 FILE BIOBUSINESS
- 1 FILE BIOCCommerce
- 528 FILE BIOSIS
- 11 FILE BIOTECHABS
- 11 FILE BIOTECHDS
- 303 FILE BIOTECHNO
- 57 FILE CABA
- 178 FILE CANCERLIT
- 831 FILE CAPLUS
- 2 FILE CEABA-VTB

16 FILES SEARCHED...

- 29 FILE CEN
- 4 FILE CIN
- 1 FILE CONFSCI
- 1 FILE CROPU
- 1 FILE DDFB
- 2 FILE DDFU
- 85 FILE DGENE
- 1 FILE DRUGB
- 3 FILE DRUGNL
- 6 FILE DRUGU
- 3 FILE DRUGUPDATES
- 23 FILE EMBAL
- 394 FILE EMBASE
- 350 FILE ESBIODBASE

33 FILES SEARCHED...

- 55\* FILE FEDRIP
- 1 FILE FSTA
- 929 FILE GENBANK
- 1 FILE HEALSAFE
- 8 FILE IFIPAT
- 39 FILE JICST-EPLUS
- 241 FILE LIFESCI
- 420 FILE MEDLINE
- 1 FILE NIOSHTIC
- 54 FILE NTIS
- 1 FILE NUTRACEUT
- 34 FILE OCEAN
- 221 FILE PASCAL

51 FILES SEARCHED...

- 2 FILE PHAR
- 1 FILE PHARMAML
- 9 FILE PHIN
- 1575 FILE PROMT
- 781 FILE SCISEARCH
- 147 FILE TOXCENTER
- 4379 FILE USPATFULL
- 71 FILE USPAT2
- 11 FILE WPIDS
- 11 FILE WPINDEX

66 FILES SEARCHED...

- 476 FILE NLDB

52 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L1 QUE (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?) AND UBIQUIT?)

=> d rank

F1	4379	USPATFULL
F2	1575	PROMT
F3	929	GENBANK
F4	831	CAPLUS
F5	781	SCISEARCH
F6	528	BIOSIS
F7	476	NLDB
F8	420	MEDLINE
F9	394	EMBASE
F10	350	ESBIOBASE
F11	303	BIOTECHNO
F12	241	LIFESCI
F13	221	PASCAL
F14	178	CANCERLIT
F15	147	TOXCENTER
F16	85	DGENE
F17	80	AQUASCI
F18	71	USPAT2
F19	57	CABA
F20	55*	FEDRIP
F21	54	NTIS
F22	39	JICST-EPLUS
F23	34	OCEAN
F24	29	CEN
F25	23	EMBAL
F26	16	AGRICOLA
F27	11	BIOTECHABS
F28	11	BIOTECHDS
F29	11	WPIDS
F30	11	WPINDEX
F31	9	PHIN
F32	8	IFIPAT
F33	6	DRUGU
F34	5	BIOBUSINESS
F35	4	CIN
F36	3	ADISINSIGHT
F37	3	DRUGNL
F38	3	DRUGUPDATES
F39	2	CEABA-VTB
F40	2	DDFU
F41	2	PHAR
F42	1	ADISNEWS
F43	1	BIOCOMMERCE
F44	1	CONFSCI
F45	1	CROPU
F46	1	DDFB
F47	1	DRUGB
F48	1	FSTA
F49	1	HEALSAFE
F50	1	NIOSHTIC
F51	1	NUTRACEUT
F52	1	PHARMAML

=> file f1-f15

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

2.75

TOTAL

SESSION

2.96

FILE 'USPATFULL' ENTERED AT 18:45:28 ON 28 APR 2003  
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FILE 'CANCERLIT' ENTERED AT 18:45:28 ON 28 APR 2003

FILE 'TOXCENTER' ENTERED AT 18:45:28 ON 28 APR 2003  
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=> s (ring? (s) protein (s) ubiquit?) or ((rbx? or roc? or hrt?) and ubiquit?)  
13 FILES SEARCHED...

L2 11753 (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?) AND  
UBIQUIT?)

=> s ring? (s) h2? (s) culli? (s) ubiquit? (s) (clon? or isola? or recombina?)  
3 FILES SEARCHED...  
10 FILES SEARCHED...  
14 FILES SEARCHED...

L3 11 RING? (S) H2? (S) CULLI? (S) UBIQUIT? (S) (CLON? OR ISOLA? OR  
RECOMBINA?)

=> dup rem l3  
DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (9 DUPLICATES REMOVED)

=> d ti l4 1-2

L4 ANSWER 1 OF 2 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 1  
TI The APC11 RING-H2 finger mediates E2-dependent ubiquitination

L4 ANSWER 2 OF 2 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 2  
TI Cdc53/cullin and the essential Hrt1 RING-H2 subunit of SCF define a ubiquitin ligase module that activates the E2 enzyme Cdc34

=> s (rbx? or hrt? or roc?) (s) culli? (s) ubiquit? (s) (clon? or isola? or recombina?)

3 FILES SEARCHED...

11 FILES SEARCHED...

L5 55 (RBX? OR HRT? OR ROC?) (S) CULLI? (S) UBIQUIT? (S) (CLON? OR ISOLA? OR RECOMBINA?)

=> dup rem l5

DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING COMPLETED FOR L5

L6 13 DUP REM L5 (42 DUPLICATES REMOVED)

=> d ti l6 1-13

L6 ANSWER 1 OF 13 USPATFULL  
TI Compositions and methods for treatment of muscle wasting

L6 ANSWER 2 OF 13 USPATFULL  
TI Methods to identify compounds useful for the treatment of proliferative and differentiative disorders

L6 ANSWER 3 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 1  
TI The novel human DNA helicase hFBH1 is an F-box protein

L6 ANSWER 4 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 2  
TI SAG/ROC/Rbx/Hrt, a zinc RING finger gene family: Molecular cloning, biochemical properties, and biological functions

L6 ANSWER 5 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 3  
TI SAG/ROC2/Rbx2/Hrt2, a component of SCF E3 ubiquitin ligase: Genomic structure, a splicing variant, and two family pseudogenes

L6 ANSWER 6 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 4  
TI Elevated expression of SAG/ROC2/Rbx2/Hrt2 in human colon carcinomas: SAG does not induce neoplastic transformation, but antisense SAG transfection inhibits tumor cell growth

L6 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS  
TI DNA encoding human cullin regulators ROC1 and ROC2, isolated proteins encoded by the same, and their screening and pharmacological uses

L6 ANSWER 8 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 5  
TI SCF beta-TRCP and phosphorylation dependent ubiquitination of I kappa B alpha catalyzed by Ubc3 and Ubc4

L6 ANSWER 9 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 6  
TI Yeast homolog of human SAG/ROC2/Rbx2/Hrt2 is essential for cell growth, but not for germination: chip profiling implicates its role in cell cycle regulation

L6 ANSWER 10 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 7  
TI Isolation and characterization of HRT1 using a genetic screen for mutants unable to degrade Gic2p in Saccharomyces cerevisiae

L6 ANSWER 11 OF 13 SCISEARCH COPYRIGHT 2003 THOMSON ISIDUPLICATE 8  
 TI Cdc53/cullin and the essential Hrt1 RING-H2 subunit of SCF define a  
 ubiquitin ligase module that activates the E2 enzyme Cdc34

L6 ANSWER 12 OF 13 LIFESCI COPYRIGHT 2003 CSA  
 TI Identification of novel F-box proteins in Xenopus laevis

L6 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS  
 TI ROC1, a homolog of APC11, represents a family of cullin partners with an  
 associated ubiquitin ligase activity

=> d his

(FILE 'HOME' ENTERED AT 18:41:55 ON 28 APR 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
 BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,  
 CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
 DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:42:27 ON  
 28 APR 2003

SEA (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?))

-----  
 3 FILE ADISINSIGHT  
 1 FILE ADISNEWS  
 16 FILE AGRICOLA  
 80 FILE AQUASCI  
 5 FILE BIOBUSINESS  
 1 FILE BIOCOMMERCE  
 528 FILE BIOSIS  
 11 FILE BIOTECHABS  
 11 FILE BIOTECHDS  
 303 FILE BIOTECHNO  
 57 FILE CABA  
 178 FILE CANCERLIT  
 831 FILE CAPLUS  
 2 FILE CEABA-VTB  
 29 FILE CEN  
 4 FILE CIN  
 1 FILE CONFSCI  
 1 FILE CROPU  
 1 FILE DDFB  
 2 FILE DDFU  
 85 FILE DGENE  
 1 FILE DRUGB  
 3 FILE DRUGNL  
 6 FILE DRUGU  
 3 FILE DRUGUPDATES  
 23 FILE EMBAL  
 394 FILE EMBASE  
 350 FILE ESBIODBASE  
 55\* FILE FEDRIP  
 1 FILE FSTA  
 929 FILE GENBANK  
 1 FILE HEALSAFE  
 8 FILE IFIPAT  
 39 FILE JICST-EPLUS  
 241 FILE LIFESCI  
 420 FILE MEDLINE  
 1 FILE NIOSHTIC  
 54 FILE NTIS  
 1 FILE NUTRACEUT  
 34 FILE OCEAN  
 221 FILE PASCAL

2 FILE PHAR  
 1 FILE PHARMAML  
 9 FILE PHIN  
 1575 FILE PROMT  
 781 FILE SCISEARCH  
 147 FILE TOXCENTER  
 4379 FILE USPATFULL  
 71 FILE USPAT2  
 11 FILE WPIDS  
 11 FILE WPINDEX  
 476 FILE NLDB

L1 QUE (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?)  
 -----

FILE 'USPATFULL, PROMT, GENBANK, CAPLUS, SCISEARCH, BIOSIS, NLDB,  
 MEDLINE, EMBASE, ESBIODBASE, BIOTECHNO, LIFESCI, PASCAL, CANCERLIT,  
 TOXCENTER' ENTERED AT 18:45:28 ON 28 APR 2003

L2 11753 S (RING? (S) PROTEIN (S) UBIQUIT?) OR ((RBX? OR ROC? OR HRT?) A  
 L3 11 S RING? (S) H2? (S) CULLI? (S) UBIQUIT? (S) (CLON? OR ISOLA? OR  
 L4 2 DUP REM L3 (9 DUPLICATES REMOVED)  
 L5 55 S (RBX? OR HRT? OR ROC?) (S) CULLI? (S) UBIQUIT? (S) (CLON? OR  
 L6 13 DUP REM L5 (42 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
88.56	91.52

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 18:54:16 ON 28 APR 2003